

Table 6.--Water levels in observation wells in Jasper County, Indiana

(In feet below land-surface datum. Water level: e, estimated; h, tape measurement)

Jasper 1. (29/5W-35P1). Jasper County Highway Department. SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 35, T. 29 N., R. 5 W. Drilled unused water-table well in limestone, diameter 4 inches, reported depth 13 feet. Land-surface datum is about 685 feet above msl. Highest water level is 1.94 below lsd, April 9, 1938; lowest 8.31 below lsd, October 31, 1935. Records available: 1935-38.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1935		Oct. 3	8.17	July 3	4.87	1938	
		16	7.21	10	5.21		
Oct. 16	8.07	31	6.10	17	5.41	Jan. 7	5.88
31	8.31	Nov. 14	4.14	24	5.72	14	5.92
Nov. 15	7.36	Dec. 1	4.66	31	5.89	21	5.98
30	6.80	15	5.08	Aug. 7	6.12	29	5.62
Dec. 16	6.28	31	3.76	14	6.08	Feb. 5	5.66
31	6.25			21	6.25	12	4.85
1936		1937		28	6.46	18	3.97
				Sept. 4	6.52	26	3.32
Jan. 15	5.74	Jan. 15	2.51	11	5.84	Mar. 4	3.12
Feb. 1	5.91	Feb. 1	2.84	18	6.05	12	3.11
15	6.12	15	3.21	25	6.16	19	2.65
29	5.10	Mar. 1	3.29	Oct. 2	6.35	25	2.46
Mar. 16	5.14	15	3.50	9	6.46	Apr. 1	2.42
31	4.22	31	3.76	15	6.62	9	1.94
Apr. 15	4.03	Apr. 10	3.36	23	6.17	16	2.30
30	4.02	17	3.22	29	6.16	23	2.80
May 15	3.79	24	2.64	Nov. 6	6.24	30	3.25
June 15	5.53	May 1	2.70	12	6.23	May 7	3.64
30	6.20	8	2.99	19	6.35	13	3.92
July 15	6.92	15	3.18	26	6.44	20	3.74
Aug. 3	7.63	22	3.36	Dec. 4	6.40	28	3.40
17	8.00	29	3.42	10	6.31	June 3	3.46
Sept. 3	8.17	June 5	3.72	17	6.14	14	3.85
15	8.17	12	3.88	23	6.16	17	4.07
		19	4.04	31	5.98	24	4.42
		26	4.35			July 1	3.27

Jasper 2. (27/6W-30G1). Lottie Spalding. SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 30, T. 27 N., R. 6 W. Dug unused water-table well in drift, diameter 48 inches, depth 14 feet. Highest water level is 0.87 below lsd, May 24, 1944; lowest 8.20 below lsd, Jan. 3, 1945. Records available 1944-45.

1944		June 28	3.32	Aug. 16	5.15	Sept. 27	7.34
		July 5	4.01	23	5.41	Oct. 4	6.97
May 24	0.87	12	4.17	30	5.72	10	6.84
31	1.61	19	4.42	Sept. 6	5.79	18	6.40
June 7	2.56	26	4.64	13	5.98	25	6.40
14	2.36	Aug. 2	4.81	20	6.32	Nov. 1	6.82
21	2.96	9	5.31	26	6.97	8	6.98

Table 6.--Water levels in observation wells in Jasper County--Cont.

Jasper 2--Cont.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1944		Nov. 29	6.82	Dec. 20	6.60	1945	
		Dec. 6	6.78	27	6.58		
Nov. 15	6.62	13	6.74			Jan. 3	8.20
22	6.65						
29	6.82						

Jasper 3. (30/7W-28A2). Harry E. Brunton. NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 28, T. 30 N., R. 7 W. Drilled unused artesian well in sand and gravel, diameter 4 inches, depth 36 feet. Land-surface datum is about 690 feet above msl. Highest water level is 6.44 below lsd, June 16, 1952; lowest 12.15 below lsd, Nov. 14, 1949. Records available: 1948-59.

1948		Jan. 24	10.55	Oct. 10	11.81	July 3	9.73
		31	10.34	17	11.83	10	10.00
June 10	9.40	Feb. 7	10.22	24	11.90	17	10.20
14	9.53	14	10.18	31	11.93	24	9.07
21	9.48	21	10.18	Nov. 14	12.15	31	10.10
28	9.66	28	10.00	21	11.90	Aug. 7	10.38
July 5	9.68	Mar. 7	10.02	28	11.95	14	10.28
12	9.62	14	9.96	Dec. 5	12.04	21	10.37
19	9.72	21	9.74	12	12.06	28	10.37
26	9.71	28	9.72	19	11.99	Sept. 5	10.54
Aug. 2	10.07	Apr. 4	9.75	26	11.66	11	10.47
9	10.19	11	9.73			17	10.72
16	10.10	18	9.54	1950		25	10.56
23	10.16	25	9.81	Jan. 2	11.26	Oct. 2	10.59
30	10.51	May 2	9.60	9	10.98	9	10.32
Sept. 6	10.33	9	9.68	16	10.53	23	9.89
13	10.92	16	9.78	23	10.17	30	10.42
20	10.59	23	9.72	30	10.28	Nov. 6	10.39
27	11.00	31	9.95	Feb. 6	9.94	13	10.58
Oct. 4	11.15	June 6	9.87	13	9.46	20	10.25
11	10.87	13	9.98	22	9.26	27	10.31
18	11.00	20	10.00	28	9.03	Dec. 4	10.35
25	11.14	27	9.99	Mar. 6	9.56	11	10.29
Nov. 1	11.13	July 5	10.54	13	9.26	18	10.37
8	11.37	11	10.55	19	9.27	26	10.21
15	11.24	18	10.18	27	8.68		
22	11.20	25	10.72	Apr. 3	9.03	1951	
29	11.40	Aug. 1	10.36	8	8.65	Jan. 2	10.00
Dec. 6	11.43	8	10.77	17	9.00	9	10.20
13	11.33	15	10.61	24	8.95	15	9.60
20	10.50	22	10.78	May 1	8.96	22	10.24
		29	10.89	29	9.21	29	10.31
1949		Sept. 6	11.21	June 5	9.48	Feb. 5	10.17
		12	11.37	12	9.63	12	9.93
Jan. 3	10.90	23	11.53	19	9.40	21	10.00
10	10.60	26	11.77	26	9.45	26	9.80
17	10.79	Oct. 3	11.62				

Table 6.--Water levels in observation wells in Jasper County--Cont.

Jasper 3--Cont.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1951		Feb. 4	8.00	1953		Dec. 16	10.20
						28	11.36
Mar. 5	9.90			Jan. 5	11.38		
12	9.89	Mar. 3	9.42	12	11.39	1954	
19	9.75			19	10.87		
26	9.83			26	10.86	Jan. 4	11.49
Apr. 2	9.56			Feb. 2	11.03	11	11.04
9	9.33			9	11.05	18	11.35
16	9.40			16	11.05	25	11.38
23	9.52	Apr. 7	9.16	23	9.94	Feb. 1	11.44
30	9.39			Mar. 2	10.34	8	11.76
May 7	9.56			9	9.55	15	11.71
14	9.62	May 5	8.97	23	9.99	22	11.23
21	9.35			30	10.11	Mar. 1	11.11
28	9.25			Apr. 6	10.14	8	11.20
June 4	9.74			13	10.13	15	11.09
11	9.51	June 2	8.97	20	10.10	22	10.75
18	9.59			27	10.11	29	9.85
25	9.70			May 4	10.10	Apr. 5	10.26
July 2	9.73			10	10.10	12	9.82
9	9.15			16	10.11	19	9.61
16	9.86	July 7	9.00	25	10.10	26	9.30
23	9.74			June 1	10.12	May 3	8.56
30	9.73			8	10.15	10	9.00
Aug. 5	9.60			15	10.18	17	9.32
13	9.60	Aug. 4	9.45	22	10.18	24	9.52
20	9.80			28	9.67	31	7.40
26	9.40			July 6	9.90	June 7	8.69
Sept. 3	9.98			13	9.87	14	9.05
10	10.04	Sept. 2	10.10	20	9.50	21	8.12
17	10.29			27	9.86	28	9.01
24	10.36			Aug. 4	9.00	July 5	8.57
Oct. 1	10.34			11	9.65	12	9.40
8	10.43			17	9.80	19	9.74
15	10.47	Oct. 6	10.00	24	9.90	26	10.19
22	10.46			31	10.29	Aug. 2	10.28
29	10.33			Sept. 8	10.15	9	10.25
Nov. 5	10.36			15	9.50	16	10.26
12	10.25	Nov. 5	11.09	21	10.05	23	9.00
19	10.04			28	10.42	26	8.55
26	10.06			Oct. 5	10.08	30	9.43
Dec. 4	9.83			12	10.62	Sept. 7	9.95
10	9.81	Dec. 1	11.32	19	10.86	13	10.22
17	9.82			27	11.13	20	10.46
26	9.83			Nov. 2	11.10	27	10.56
				10	11.35	Oct. 4	8.70
1952				17	11.43	11	9.92
				30	10.82	18	10.11
Jan. 28	9.25			Dec. 7	10.19	25	10.39

Table 6.--Water levels in observation wells in Jasper County--Cont.

Jasper 3--Cont.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1954		Sept. 6	9.59	July 24	9.87	June 10	7.56
		12	9.68	31	9.85	17	7.62
Nov. 1	10.61	19	9.70	Aug. 6	9.89	24	7.50
8	10.70	26	10.00	13	9.85	July 1	7.46
15	10.77	Oct. 3	9.86	20	9.79	8	7.37
22	10.82	10	9.94	27	9.86	15	7.19
29	10.79	17	9.87	Sept. 3	9.94	22	7.15
Dec. 6	10.29	24	9.93	10	10.00	29	7.41
13	10.32	31	9.99	17	10.17	Aug. 5	7.43
20	10.36	Nov. 7	9.97	24	10.18	12	7.51
27	10.24	14	10.07	Oct. 1	10.40	19	7.50
		20	10.11	8	10.49	26	7.61
1955		27	10.15	15	10.58	Sept. 2	7.70
		Dec. 4	10.12	22	10.61	9	8.40
Jan. 3	10.03	12	10.06	29	10.66	16	8.66
10	9.86	19	10.02	Nov. 5	10.75	23	8.71
17	9.98	27	9.94	12	10.82	30	8.89
24	10.01			19	10.80	Oct. 7	8.91
31	10.02	1956		26	10.83	14	8.93
Feb. 7	10.03	Jan. 3	9.79	Dec. 3	10.84	21	8.85
14	10.03	9	9.80	10	10.88	28	8.73
21	10.04	16	9.88	17	10.84	Nov. 4	8.67
28	9.26	23	9.88	24	10.81	11	8.80
Mar. 7	8.87	30	9.92	31	10.88	18	8.85
14	9.05	Feb. 6	9.67			25	8.99
21	9.01	13	9.12	1957		Dec. 2	8.93
28	9.06	20	8.78	Jan. 7	11.24	9	8.97
Apr. 4	9.15	27	8.36	14	11.17	16	9.07
11	9.17	Mar. 5	8.02	21	11.16	23	8.87
18	9.11	12	8.27	28	11.02	30	8.37
25	8.87	19	8.97	Feb. 4	10.52		
May 2	8.97	26	9.11	11	8.82	1958	
9	9.01	Apr. 2	9.24	18	8.62	Jan. 6	7.43
15	8.82	9	9.34	25	9.92	13	7.33
23	8.92	16	9.42	Mar. 4	9.72	20	7.30
30	8.88	23	9.51	11	9.52	27	7.10
June 6	8.93	30	9.35	18	10.02	Feb. 3	7.41
13	8.60	May 7	9.32	25	9.62	10	7.50
20	8.68	14	9.38	Apr. 1	9.32	17	7.85
27	8.76	21	9.42	8	9.12	24	8.09
July 5	8.94	28	9.45	15	9.52	Mar. 3	8.38
11	9.02	June 4	11.65	22	9.42	10	8.20
18	9.04	11	10.69	29	8.44	17	8.02
25	9.14	18	10.58	May 6	8.81	24	7.37
Aug. 1	9.28	25	10.26	13	8.70	31	6.72
8	9.03	July 3	10.18	20	8.17	Apr. 7	7.00
15	9.30	10	10.02	27	7.80	14	7.22
22	9.17	17	9.94	June 3	7.54	21	7.40
29	9.56						

Table 6.--Water levels in observation wells in Jasper County--Cont.

Jasper 3--Cont.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1958		Sept. 15	7.62	Jan. 26	8.42	July 6	8.42
		22	7.70	Feb. 2	8.33	13	8.32
Apr. 28	7.31	29	7.75	9	8.31	20	8.47
May 5	7.72	Oct. 6	7.71	16	8.23	27	8.39
12	7.32	13	7.69	23	8.12	Aug. 3	8.49
19	7.52	20	7.83	Mar. 2	8.05	10	8.51
26	8.22	27	7.91	9	8.01	17	8.55
June 2	7.62	Nov. 3	8.33	16	7.85	24	8.69
9	6.82	10	8.29	23	7.89	31	8.75
16	7.02	17	8.31	30	7.71	Sept. 7	9.84
23	7.22	24	8.33	Apr. 6	8.23	14	9.89
30	7.42	Dec. 1	8.07	13	8.12	21	9.82
July 7	7.37	8	7.97	20	8.00	28	9.22
14	7.15	15	7.92	27	8.10	Oct. 5	9.02
21	7.45	22	8.02	May 4	8.22	12	8.92
28	7.31	29	8.22	11	7.72	19	9.33
Aug. 4	7.71			18	7.87	26	9.15
11	7.73	1959		25	7.71	Nov. 2	9.02
18	7.41			June 1	7.95	9	8.87
25	7.11	Jan. 5	8.28	8	8.00	16	9.12
Sept. 1	7.33	12	8.46	15	8.00	23	9.47
8	7.47	19	8.43	22	8.22	30	9.42
				29	8.45		

Jasper 4. (30/5W-17L1). Wm. Gehring Inc. NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 17, T. 30 N., R. 5 W. Drilled unused artesian well in limestone, diameter 16 inches, reported depth 300 feet. Recording gage installed July 5, 1956. Highest water level is 1.15 below lsd, Apr. 27-28, 1959; lowest 17.50 below lsd, July 8, 1959. Records available: 1956-60. Affected by barometric pressure and by occasional pumping.

(Daily highest water level from recorder graph, 1956)

July 5	9.67	Aug. 9	15.90	Oct. 24	14.95	Nov. 11	7.75
6	9.27	10	16.60	25	16.15	12	7.65
7	9.13	Sept. 18	7.05	26	15.20	13	7.35
8	8.96	19	6.85	29	11.30	14	7.10
9	8.60	20	7.00	30	10.70	15	7.00
10	8.44	21	7.75	31	10.10	16	7.45
11	8.53	22	7.60	Nov. 1	9.65	17	7.05
12	10.93	23	7.25	2	9.30	18	6.80
13	11.90	24	7.35	3	9.00	Dec. 25	4.55
14	11.87	Oct. 16	11.50	4	8.65	26	4.45
17	15.62	17	11.00	5	8.25	27	4.40
18	15.96	18	11.05	6	8.40	28	4.35
23	9.85	19	13.30	7	8.40	29	4.50
24	9.00	20	14.95	8	8.50	30	4.30
Aug. 7	12.15	21	14.15	9	8.40	31	4.40
8	14.65	23	13.70	10	8.05		

Table 6.--Water levels in observation wells in Jasper County--Cont.

Jasper 4--Cont.

(Daily highest water level from recorder graph, 1957)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.65	4.05	3.55	3.30	----	----	2.95	----	5.95	----	----	2.10
2	4.65	4.05	3.50	3.40	----	----	2.75	----	5.95	----	----	2.25
3	4.40	3.95	3.60	3.35	----	----	2.70	----	6.05	----	----	2.10
4	4.50	4.10	3.60	3.20	----	----	2.75	----	6.05	----	----	----
5	4.60	4.20	3.55	3.00	----	----	2.70	----	6.50	----	----	----
6	4.40	4.15	3.55	3.10	----	----	2.60	----	6.70	----	----	----
7	4.35	4.15	3.55	3.15	----	----	2.50	6.35	6.75	----	----	----
8	4.35	3.85	3.50	3.05	----	----	2.45	6.45	6.15	5.55	----	----
9	4.35	3.80	3.50	3.00	----	----	2.80	6.20	6.25	5.25	----	----
10	4.60	3.95	3.45	2.85	----	----	----	5.70	6.55	5.05	----	----
11	4.35	4.05	3.30	2.80	----	----	----	5.30	6.80	4.95	----	----
12	4.45	3.80	3.40	2.85	----	----	----	5.20	----	4.80	----	----
13	4.50	3.75	3.45	2.80	----	----	----	5.65	----	4.65	----	----
14	----	3.85	3.35	2.85	----	----	----	6.10	----	4.55	----	----
15	4.45	3.80	3.45	2.65	----	----	----	5.95	----	----	----	----
16	4.50	3.80	3.55	2.65	----	----	----	6.20	----	----	2.50	----
17	4.35	3.85	3.50	2.60	----	----	----	6.45	----	----	2.55	----
18	4.50	3.75	3.35	2.55	----	----	----	6.30	----	----	2.15	----
19	4.55	3.85	3.35	2.40	----	----	----	6.10	----	----	2.20	----
20	4.50	3.90	3.50	2.40	----	----	5.65	6.15	----	----	2.40	----
21	4.30	3.85	3.40	2.40	----	----	5.25	6.70	----	----	2.45	----
22	4.25	3.85	3.40	2.30	----	----	5.15	7.10	----	----	2.50	----
23	4.40	3.90	3.45	----	----	----	4.95	7.10	----	----	----	----
24	4.35	3.65	3.50	----	----	----	5.05	6.70	----	----	----	----
25	4.30	3.60	3.40	----	----	----	5.25	6.20	----	----	----	----
26	4.40	3.50	3.35	----	----	----	5.30	----	----	----	----	----
27	4.30	3.60	3.50	----	----	----	----	----	----	----	2.15	----
28	4.05	3.50	3.50	----	----	----	----	5.95	----	----	2.15	----
29	4.05	----	3.45	----	----	3.30	----	5.75	----	----	2.15	----
30	4.20	----	3.50	----	----	3.10	----	5.95	----	----	2.15	----
31	4.05	----	3.40	----	----	----	----	6.35	----	----	----	----

(Daily highest water level from recorder graph, 1958)

1	----	----	----	2.05	----	----	----	----	3.25	3.50	3.20	3.00
2	----	----	----	----	----	----	----	----	3.40	3.40	3.20	2.80
3	----	----	----	----	----	7.20	----	----	3.40	3.30	3.25	2.65
4	----	----	----	----	----	6.65	2.20	----	----	3.20	3.15	2.65
5	----	----	----	----	----	6.50	2.10	2.15	----	3.40	3.05	2.80
6	----	----	----	----	----	6.65	2.10	2.00	3.00	3.30	3.30	3.05
7	----	----	----	----	----	7.55	2.25	2.00	3.00	3.20	3.25	3.05
8	----	----	----	----	----	----	2.20	----	3.00	3.15	3.05	2.90
9	----	----	----	2.00	----	----	2.15	----	2.85	3.10	3.05	3.00
10	----	----	----	1.95	----	----	2.05	----	2.90	3.20	3.25	3.05

Table 6.--Water levels in observation wells in Jasper County--Cont.

Jasper 4--Cont.

(Daily highest water level from recorder graph, 1958)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
11	----	----	----	1.90	----	----	1.95	----	3.35	3.30	3.35	2.85
12	----	----	2.15	1.95	----	----	1.95	----	3.95	3.30	3.35	2.80
13	----	----	2.05	2.00	----	----	----	2.50	3.75	3.25	3.25	3.05
14	----	----	2.10	1.95	----	----	----	2.40	3.50	3.25	3.25	3.00
15	----	----	2.10	1.95	----	----	1.65	2.30	3.45	3.20	3.10	2.95
16	----	----	2.10	----	----	----	1.70	2.25	3.45	3.10	3.20	2.75
17	----	----	2.15	----	----	3.10	1.65	----	3.25	3.20	3.05	2.75
18	----	----	2.20	----	----	2.95	1.50	----	3.35	3.25	3.05	2.75
19	----	----	2.15	----	----	2.75	1.55	2.25	3.25	3.15	3.20	2.70
20	----	----	----	----	----	2.70	1.55	2.25	3.15	3.15	3.20	3.00
21	----	----	----	----	----	2.60	----	2.35	3.15	3.15	3.15	3.00
22	----	----	----	----	----	2.40	----	2.35	3.25	3.15	3.15	2.80
23	----	----	----	1.80	----	2.35	1.70	2.50	3.20	3.10	3.05	2.75
24	----	----	----	1.80	----	----	1.65	2.50	3.20	3.15	3.10	2.90
25	----	----	2.15	2.20	----	2.20	----	2.50	3.20	3.20	2.90	3.05
26	----	----	2.10	2.15	----	----	----	----	3.35	3.25	3.05	2.95
27	----	----	2.10	2.05	8.20	----	----	----	3.35	3.25	3.10	2.85
28	----	----	2.10	2.00	8.75	----	----	2.70	3.40	3.30	3.00	2.95
29	----	----	2.10	2.05	9.45	----	----	3.00	3.25	3.35	3.00	3.00
30	----	----	2.05	----	9.50	----	----	3.25	3.20	3.35	3.05	3.15
31	----	----	2.05	----	9.25	----	----	3.35	----	3.25	----	2.80

(Daily highest water level from recorder graph, 1959)

1	2.65	----	2.05	1.45	1.45	1.85	----	----	6.65	5.10	3.80	2.65
2	2.75	----	1.90	1.25	1.45	2.00	----	----	6.60	4.95	3.85	2.70
3	2.85	2.43	1.95	1.30	1.45	2.05	----	----	6.45	4.95	3.75	2.60
4	2.90	----	2.15	1.50	1.45	2.50	----	7.45	6.30	4.95	3.55	2.60
5	3.05	----	1.65	1.50	1.45	3.60	----	7.55	6.15	4.85	3.70	2.65
6	2.85	----	1.65	1.55	1.45	----	----	7.65	6.15	4.75	3.95	2.55
7	2.85	----	2.10	1.50	1.60	----	----	7.90	6.20	4.75	3.80	2.55
8	2.95	----	2.00	1.55	1.60	7.50	8.50	6.10	4.60	3.70	2.60	
9	3.00	----	2.00	1.60	1.40	----	----	8.35	6.10	4.70	3.55	2.75
10	3.00	----	2.05	1.65	1.35	----	----	8.50	6.05	4.55	3.40	2.65
11	2.95	----	2.00	1.65	1.40	6.30	----	10.65	6.00	4.55	3.45	2.40
12	2.90	----	1.95	1.60	1.55	5.70	----	11.25	5.85	4.60	3.45	2.35
13	2.90	----	1.90	1.50	1.50	5.70	----	12.20	5.70	4.50	3.30	2.60
14	2.70	----	1.65	1.55	1.60	7.85	----	14.05	5.60	4.40	3.35	2.65
15	2.75	----	1.60	1.50	1.60	----	----	11.95	5.70	4.35	3.30	2.50
16	2.75	----	1.95	1.50	1.65	----	----	11.35	5.75	4.35	3.15	2.55
17	2.80	----	1.95	1.50	1.60	----	----	11.75	5.75	4.35	3.35	2.55
18	2.80	----	2.00	1.50	1.55	----	----	10.60	5.65	4.30	3.05	2.55
19	2.65	----	1.85	1.45	1.55	----	----	10.00	5.55	4.20	3.10	2.65
20	2.75	----	1.85	1.45	1.65	----	----	9.30	5.45	4.25	2.90	2.55

Table 6.--Water levels in observation wells in Jasper County --Cont.

Jasper 4--Cont.

(Daily highest water level from recorder graph, 1959)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
21	2.45	-----	1.85	1.55	1.65	-----	-----	9.10	5.45	4.25	2.90	2.55
22	2.80	-----	1.85	1.50	1.75	-----	-----	8.60	5.45	4.10	2.85	2.55
23	3.00	-----	1.80	1.50	1.70	-----	-----	8.45	5.45	3.85	2.70	2.50
24	2.75	-----	1.80	1.45	1.85	-----	-----	8.20	5.30	3.75	2.60	2.45
25	2.75	2.05	1.85	1.45	1.75	-----	-----	8.10	-----	3.85	2.75	2.40
26	2.80	2.00	1.60	1.45	1.75	-----	-----	7.70	-----	3.90	2.80	2.30
27	2.85	2.00	1.65	1.15	1.80	-----	-----	7.65	-----	4.00	2.85	2.10
28	2.80	2.05	1.80	1.15	1.80	-----	-----	7.25	-----	4.15	2.80	2.00
29	2.60	-----	1.75	1.35	1.80	-----	-----	7.00	5.20	4.10	2.80	2.10
30	2.65	-----	1.60	1.40	1.90	-----	-----	6.90	5.10	4.05	2.70	2.25
31	-----	-----	1.60	-----	1.85	-----	-----	6.85	-----	3.95	-----	2.40

(Daily highest water level from recorder graph, 1960)

1	2.30	-----	1.85	1.80	1.55	2.70	2.40	8.95	8.55	6.00	5.05	4.64
2	2.10	-----	1.65	1.80	1.55	2.70	2.25	9.10	8.90	5.95	5.10	4.45
3	2.15	-----	1.60	1.80	1.55	3.00	2.25	8.75	8.75	5.95	5.30	4.40
4	2.35	-----	-----	1.75	1.55	3.25	2.35	8.25	8.10	5.75	5.25	4.35
5	2.35	-----	-----	1.75	1.50	3.45	2.40	7.95	8.00	5.50	5.15	4.30
6	2.20	-----	-----	1.55	1.35	3.35	2.45	7.40	8.50	5.55	5.00	4.40
7	2.10	-----	-----	1.70	1.35	3.50	2.45	6.95	10.70	5.80	5.10	4.40
8	2.20	-----	-----	1.70	1.50	3.65	2.40	6.65	12.05	6.00	5.00	4.45
9	2.30	-----	1.70	1.80	1.50	3.65	2.35	6.55	11.75	6.55	5.00	4.30
10	2.25	-----	1.80	1.85	1.45	3.75	2.35	6.50	10.50	7.40	5.10	4.30
11	2.40	-----	1.85	1.60	1.60	-----	2.35	6.60	9.55	7.90	4.95	4.15
12	2.05	-----	1.95	1.70	1.70	-----	2.40	6.65	9.30	8.30	4.90	4.30
13	2.15	-----	1.95	1.65	1.65	-----	2.40	7.00	8.90	8.40	4.85	4.15
14	2.05	-----	1.95	1.65	1.65	-----	2.55	6.95	8.35	8.10	4.75	4.05
15	1.95	-----	1.80	1.60	2.15	2.80	3.85	6.90	8.05	7.70	4.55	4.00
16	2.25	-----	1.60	1.45	3.20	2.70	5.80	6.95	7.60	7.20	4.50	4.15
17	2.05	1.50	1.70	1.40	3.15	2.65	6.90	7.05	7.35	6.95	4.70	4.20
18	1.90	1.50	1.85	1.60	3.05	2.75	7.20	7.25	6.90	6.70	4.55	4.25
19	2.05	1.60	1.85	1.55	3.00	2.70	8.35	7.35	6.75	6.50	4.70	4.30
20	-----	1.70	2.00	1.35	2.70	2.55	10.65	7.25	6.65	6.35	4.65	4.15
21	-----	1.40	1.85	1.30	2.50	2.45	12.10	6.90	6.45	6.15	4.55	4.15
22	-----	1.50	1.85	1.45	2.45	2.40	13.20	6.75	6.30	5.80	4.55	4.15
23	-----	1.70	2.00	1.40	2.40	2.25	11.60	6.80	6.40	5.80	4.70	4.20
24	-----	1.60	1.95	1.35	2.40	2.35	10.40	6.95	6.50	5.85	4.50	4.20
25	-----	1.35	2.05	1.30	2.40	2.50	9.90	7.50	6.55	5.65	4.45	4.05
26	-----	1.50	2.05	1.40	2.50	2.45	9.35	7.70	6.45	5.50	4.40	4.00
27	-----	1.75	2.00	1.60	2.50	2.35	9.30	7.80	6.45	5.50	4.35	4.30
28	-----	1.70	2.00	1.50	2.80	2.30	9.15	7.55	6.60	5.45	4.20	4.25
29	-----	1.75	1.75	1.40	3.30	2.35	9.15	7.55	6.45	5.35	4.35	4.05
30	-----	-----	1.65	1.30	3.15	2.35	9.10	7.55	6.40	5.15	4.50	4.05
31	-----	-----	1.85	-----	2.95	-----	8.95	7.80	-----	5.00	-----	4.00

Table 6.--Water levels in observation wells in Jasper County--Cont.

Jasper 5. (29/7W-36J1). St. Joseph's College, Collegeville. NE $\frac{1}{2}$ SE $\frac{1}{2}$ sec. 36, T. 29 N., R. 7 W. Drilled used water-table well in sand and gravel, diameter 16 to 10 inches, depth 47 feet. Highest water level is 10.35 below 1sd, May 11, 1956; lowest 12.60 below 1sd, Oct. 24, 1955. Records available: 1955-56.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1955		Oct. 24	12.60	Nov. 30	12.40	1956	
Sept. 20	11.10					Mar. 22	11.75
						May 11	10.35

Jasper 6. (27/7W-25A1). Crystal Dairy. Remington. NE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 25, T. 27 N., R. 7 W. Drilled unused artesian well limestone?, diameter 10 inches, depth 132 feet. Recording gage installed Sept. 25, 1956. Highest water level is 28.00 below 1sd, Feb. 12-13, 1959; lowest 36.92 below 1sd, Oct. 8, 1956. Records available: 1956-59. Affected by barometric pressure and by occasional pumping.

(Daily highest water level from recorder graph, 1956)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 26	29.91	Oct. 4	29.90	Nov. 4	32.86	Nov. 12	32.14
27	30.07	5	30.02	5	32.61	13	31.65
28	30.09	6	29.87	6	32.48	14	31.20
29	29.98	7	e30.80	7	32.41	15	30.65
30	29.99	31	32.75	8	32.49	16	31.60
Oct. 1	29.86	Nov. 1	32.72	9	32.37	17	32.05
2	29.78	2	32.77	10	32.20	18	31.65
3	29.88	3	32.79	11	32.08		

(Daily highest water level from recorder graph, 1957)

Feb. 26	29.90	Apr. 30	30.90	June 8	30.90	Aug. 23	30.35
27	30.05	May 1	30.85	9	30.85	24	30.20
28	30.00	2	30.85	10	30.80	25	30.25
Mar. 1	30.00	3	30.90	11	30.70	26	30.40
2	30.00	14	30.75	12	30.70	27	30.50
3	30.10	15	31.00	13	30.60	28	30.40
4	30.10	16	30.90	14	30.65	29	30.45
11	30.20	17	30.95	15	30.70	30	30.50
12	30.40	18	30.85	July 2	30.45	Sept. 1	30.35
Apr. 23	31.05	19	30.85	3	30.40	2	30.30
24	31.00	20	30.75	4	30.20	3	30.35
25	31.00	21	30.75	5	30.25	9	30.45
26	31.00	June 4	31.05	6	30.25	10	30.45
27	30.95	5	30.90	7	30.25	11	30.35
28	31.00	6	30.80	8	30.20	12	30.40
29	30.95	7	30.80	Aug. 22	30.55	13	30.40

Table 6.--Water levels in observation wells in Jasper County--Cont.

Jasper 6--Cont.

(Daily highest water level from recorder graph, 1957)

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 14	30.35	Oct. 2	30.70	Oct. 4	30.75	Oct. 6	30.70
15	30.35	3	30.75	5	30.75		

(Daily highest water level from recorder graph, 1958)

Day	Jan.	Feb.	Mar	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	----	----	----	----	30.10	30.80	29.95	----	28.80	28.75	28.60	29.25
2	----	----	----	----	30.15	31.00	29.90	----	28.80	28.75	28.55	28.95
3	----	----	----	----	30.20	31.10	----	----	28.80	28.65	28.65	28.80
4	----	----	----	----	30.15	31.10	----	----	28.85	28.50	28.50	28.80
5	----	----	----	----	30.25	31.05	----	----	28.70	28.65	28.40	29.10
6	----	----	----	----	30.20	31.15	----	----	28.65	28.55	29.65	29.35
7	----	----	----	----	30.05	30.95	----	----	28.70	28.40	29.65	29.25
8	----	----	----	----	----	30.75	29.85	----	28.70	28.35	29.45	29.10
9	----	----	----	----	----	30.40	29.75	----	28.55	28.35	29.35	29.25
10	----	----	----	----	----	30.10	29.60	----	28.60	28.45	29.50	29.35
11	----	----	----	----	----	30.15	29.60	----	28.75	28.60	29.50	29.15
12	----	----	----	29.50	30.60	30.05	29.55	----	28.70	28.70	29.55	29.10
13	----	----	----	29.55	30.65	30.00	----	28.75	28.65	28.70	29.35	29.35
14	----	----	29.40	29.55	30.60	30.20	----	28.80	28.60	28.65	29.25	29.35
15	----	----	29.35	29.50	30.55	30.20	----	28.80	28.60	28.55	29.10	29.30
16	----	----	29.40	29.50	30.55	30.20	----	28.75	28.60	28.50	29.20	29.10
17	----	----	29.40	29.50	30.55	30.20	----	28.70	28.45	28.60	29.05	29.10
18	----	----	29.40	29.45	30.60	30.25	----	28.75	28.60	28.65	29.10	29.05
19	----	----	29.50	----	30.75	30.20	----	28.75	28.60	28.60	29.20	28.95
20	----	----	29.45	----	----	30.20	----	28.70	28.50	28.55	29.20	29.25
21	----	----	----	----	----	30.25	----	28.70	28.50	28.60	29.15	29.25
22	----	----	----	----	----	30.05	----	28.75	28.60	28.55	29.20	29.10
23	----	----	----	----	----	30.00	----	28.60	28.55	28.50	29.15	29.00
24	----	----	----	29.65	----	----	----	28.60	28.50	28.55	29.20	29.15
25	----	----	----	29.65	----	----	29.15	28.65	28.50	28.60	29.00	29.30
26	----	----	----	30.05	----	----	29.20	28.70	28.60	28.60	29.15	29.15
27	----	----	----	30.25	----	30.05	29.15	28.65	28.60	28.60	29.15	29.10
28	----	----	----	30.10	----	30.00	29.10	28.65	28.65	28.65	29.15	29.10
29	----	----	----	30.00	31.00	29.95	29.05	28.65	28.50	28.70	29.15	29.15
30	----	----	----	30.05	30.90	29.95	29.05	28.65	28.45	28.75	29.25	29.30
31	----	----	----	----	30.85	----	29.00	28.65	----	28.65	----	28.90

Table 6.--Water levels in observation wells in Jasper County--Cont.

Jasper 6--Cont.

(Daily highest water level from recorder graph, 1959)

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	28.80	29.40	28.85	28.95	29.10e	29.50	----	31.50	31.75	----	----	----
2	29.80	28.80	28.65	28.75	29.60	----	----	31.40	31.75	----	----	----
3	28.90	28.65	28.70	28.80	29.60	----	----	31.35	31.90	----	----	----
4	29.00	28.60	28.90	29.15	29.55	----	----	31.40	----	----	----	----
5	29.25	28.90	28.35	29.15	29.55	----	----	31.40	----	----	----	----
6	29.10	29.05	28.35	29.30	29.45	----	----	31.45	----	----	----	----
7	29.05	28.95	28.80	29.15	29.60	----	e30.75	31.55	----	----	----	----
8	29.15	28.85	28.85	29.20	29.45	----	30.90	31.60	----	----	----	----
9	29.20	28.35	28.85	29.30	29.20	----	31.10	31.65	----	----	----	----
10	29.20	28.40	28.90	29.35	29.20e	29.45	31.20	31.65	----	----	----	----
11	29.15	28.15	28.95	29.40	29.35	29.40	31.30	31.65	----	----	----	----
12	29.05	28.00	29.05	29.35	29.40	29.40	31.45	31.70	----	----	----	----
13	29.00e	28.00	29.00	29.30	29.40	29.45	31.50	31.85	----	----	----	----
14	28.85	----	28.70	29.35	29.45	29.60	31.55	31.95	----	----	----	----
15	28.85	----	28.70	29.25	29.60	29.50	31.45	31.80	----	----	----	----
16	28.85	----	29.20	29.25	29.55	29.55	31.30	31.75	----	----	----	----
17	28.90	----	29.20	29.15	29.55	29.70	31.20	31.85	----	----	----	----
18	28.80	----	29.60	29.20	29.45	----	31.25	31.90	----	----	----	----
19	28.80	----	29.50	29.05	29.50	----	31.30	31.80	----	----	----	----
20	28.65	----	29.55	29.15	29.50	----	31.30	31.80	----	----	----	----
21	28.50	----	29.55	29.20	29.55	----	31.25	31.90	----	----	----	----
22	28.90	28.75	29.50	29.15	29.55	----	31.15	31.90	----	----	----	----
23	29.00	28.50	29.35	29.10	29.70	----	31.20	31.90	----	----	----	----
24	28.90	28.90	29.30	29.05	29.65	----	31.30	31.90	----	----	----	----
25	28.90	28.85	29.25	29.05	29.55	----	31.30e	31.90	----	----	----	----
26	28.95	28.80	29.00	28.95	29.55	----	31.25	31.85	----	----	----	----
27	29.00	28.80	29.10	28.60	29.65	----	31.25	31.90	----	----	----	----
28	28.95	28.85	29.35	28.60	29.50	----	31.25	31.85	----	----	----	----
29	28.75	----	29.30	28.75	29.50	----	31.35	31.80	----	----	----	----
30	29.00	----	29.10	28.85	29.55	----	31.45	31.80	----	----	----	----
31	29.30	----	29.10	----	29.50	----	31.50	31.80	----	----	----	----

PUBLICATIONS OF COOPERATIVE GROUND-WATER PROGRAM

Report

Ground-water resources of the Indianapolis area, Marion County, Indiana. C. L. McGuinness. Indiana Department of Conservation, Division of Geology. 1943.

Bulletins

- No. 1 Memorandum concerning a pumping test at Gas City, Indiana. J. G. Ferris, Indiana Department of Conservation, Division of Water Resources. 1945.
- 2 A preliminary report of the ground-water levels of the State based on records of twenty-six observation wells for which long time records are available. Indiana Department of Conservation, Division of Water Resources. 1946 (Out of print).
- 3 Ground-water resources of St. Joseph County, Indiana. Part 1, South Bend area. F. H. Klaer, Jr., and R. W. Stallman. Indiana Department of Conservation, Division of Water Resources. 1948.
- 4 Ground-water resources of Boone County, Indiana. E. A. Brown. Indiana Department of Conservation, Division of Water Resources. 1949.
- 5 Ground-water resources of Noble County, Indiana. R. W. Stallman and F. H. Klaer, Jr. Indiana Department of Conservation, Division of Water Resources. 1950.
- 7 Water-level records of Indiana. Indiana Department of Conservation, Division of Water Resources. 1956.
- 8 Ground-water resources of Tippecanoe County, Indiana. Appendix, Basic Data. J. S. Rosenshein and O. J. Cosner. Indiana Department of Conservation, Division of Water Resources. 1956.
- 8 Ground-water resources of Tippecanoe County, Indiana. J. S. Rosenshein. Indiana Department of Conservation, Division of Water Resources. 1958 (1959).
- 9 Ground-water resources of Adams County, Indiana. F. A. Watkins, Jr., and P. E. Ward. Indiana Department of Conservation, Division of Water Resources. 1962.
- 10 Ground-water resources of northwestern Indiana. Preliminary Report: Lake County. J. S. Rosenshein. Indiana Department of Conservation, Division of Water Resources. 1961.
- 11 Ground-water resources of west-central Indiana. Preliminary Report: Greene County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1961.
- 12 Ground-water resources of northwestern Indiana. Preliminary Report: Porter County. J. S. Rosenshein. Indiana Department of Conservation, Division of Water Resources. 1962.

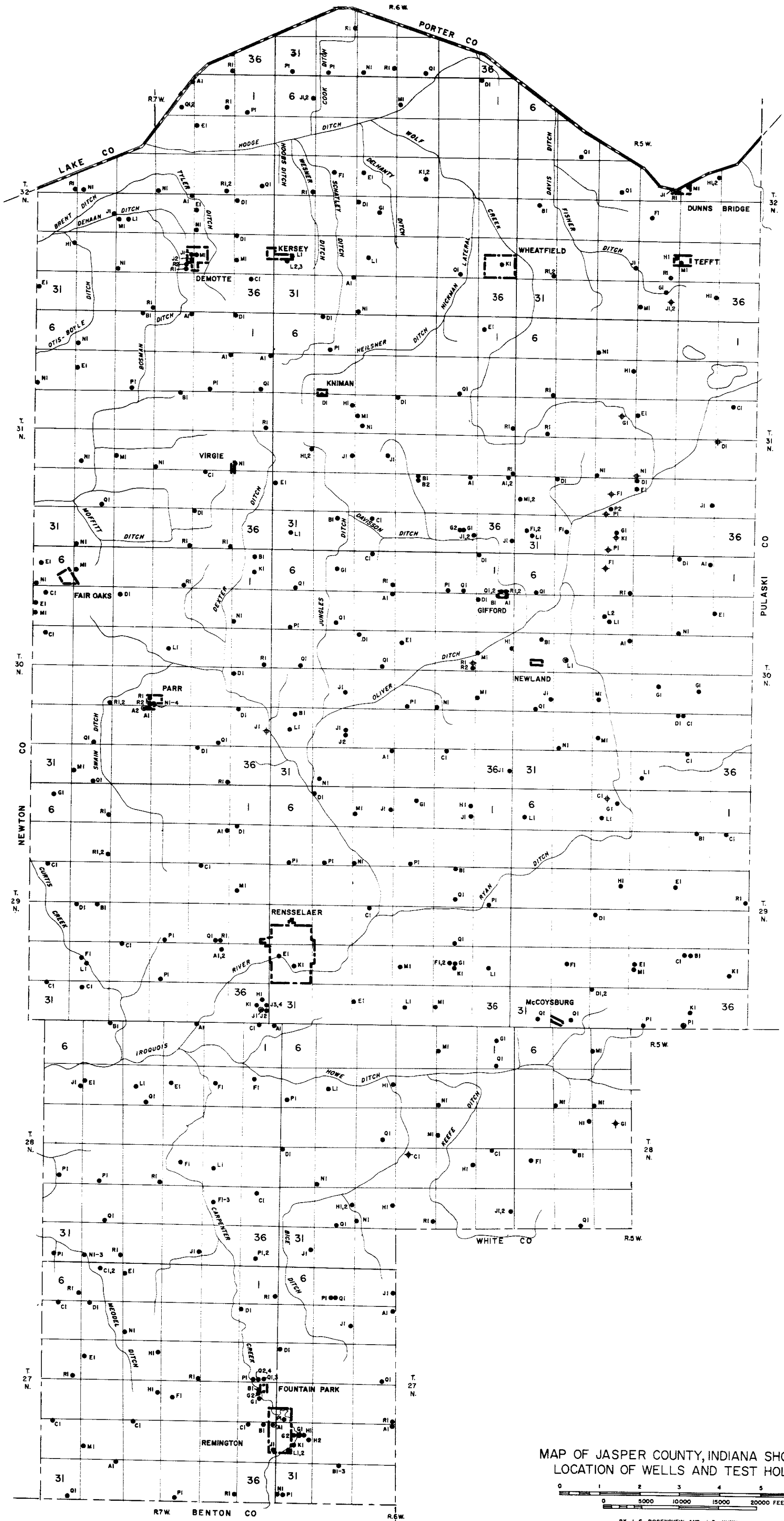
Publications of cooperative ground-water programs--Continued

Bulletins--Cont.

- 13 Ground-water resources of northwestern Indiana. Preliminary Report: La Porte County. J. S. Rosenshein and J. D. Hunn. Indiana Department of Conservation, Division of Water Resources. 1962.
- 14 Ground-water resources of west-central Indiana. Preliminary Report: Sullivan County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1962.
- 15 Ground-water resources of northwestern Indiana. Preliminary Report: St. Joseph County. J. S. Rosenshein and J. D. Hunn. Indiana Department of Conservation, Division of Water Resources. 1962.
- 16 Ground-water resources of west-central Indiana. Preliminary Report: Clay County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1962.
- 17 Ground-water resources of west-central Indiana. Preliminary Report: Vigo County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1963.
- 18 Ground-water resources of west-central Indiana. Preliminary Report: Owen County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1963.
- 19 Ground-water resources of northwestern Indiana. Preliminary Report: Marshall County. J. S. Rosenshein and J. D. Hunn. Indiana Department of Conservation, Division of Water Resources. 1964.
- 20 Ground-water resources of northwestern Indiana. Preliminary Report: Fulton County. J. S. Rosenshein and J. D. Hunn. Indiana Department of Conservation, Division of Water Resources. 1964.
- 21 Ground-water resources of west-central Indiana. Preliminary Report: Putnam County. F. A. Watkins, Jr., and D. G. Jordan. Indiana Department of Conservation, Division of Water Resources. 1964.
- 22 Ground-water resources of northwestern Indiana. Preliminary Report: Starke County. J. S. Rosenshein and J. D. Hunn. Indiana Department of Conservation, Division of Water Resources. 1964.
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- 25 Ground-water resources of northwestern Indiana. Preliminary Report: Jasper County. J. S. Rosenshein and J. D. Hunn. Indiana Department of Conservation, Division of Water Resources. 1964.

INDEX

	Page
Abstract-----	1
Acknowledgments-----	5
Analysis of ground water-----	5,10
hardness of water-----	10
method of analysis-----	5
U. S. Public Health Service drinking-water standards-----	58
Bibliography, selected-----	11
Conditions, ground-water-----	6,7
Conditions, hydrologic-----	8
confined or artesian-----	8
unconfined or water-table-----	8
Conditions, quality of water-----	7
range in concentration from rocks of Devonian age-----	8
range in concentration from rocks of Pleistocene age-----	8
range in concentration from rocks of Silurian age-----	7
significance of various constituents and properties-----	7
Data, collection and processing-----	5
observation wells-----	6
water samples-----	5
well records-----	5
Geology, general-----	6
consolidated rocks-----	6
Cambrian age-----	6
Devonian age-----	6
Mississippian age-----	6
Ordovician age-----	6
Silurian age-----	6
unconsolidated rocks-----	6
Pleistocene and Recent age-----	6,7
well logs-----	25
Location-----	2
Publications, cooperative ground-water program-----	80
Records-----	10
field chemical analyses-----	10,58
water levels-----	10,69
wells-----	9,12
well logs-----	10,25
Summary-----	10
Water levels-----	6,10,69
Wells-----	5,9,10
construction of-----	9
drilled-----	9
driven-----	9
jetted-----	9
logs-----	25
numbering system-----	4
observation-----	6,10
Well screen, grain-size, and equivalent slot and gauze size-----	9



EXPLANATION

- Water well or test hole
- Observation well
- ◆ Oil or gas well or test hole

Base from modified General Highway and Transportation Map revised to July, 1953

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

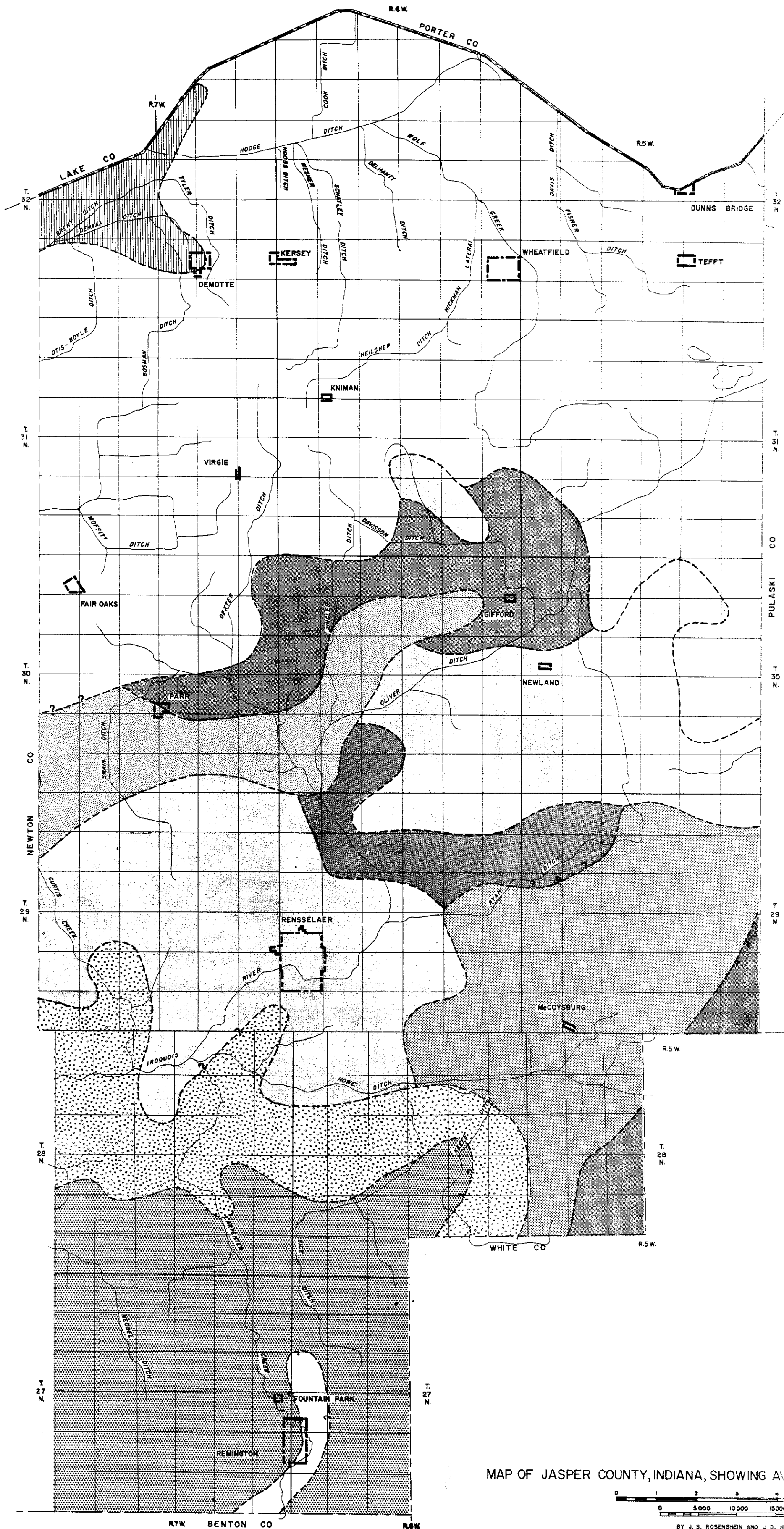
SECTION LETTER SYMBOLS IN WELL-NUMBERING SYSTEM

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

DIAGRAM OF TOWNSHIP


MAP OF JASPER COUNTY, INDIANA SHOWING LOCATION OF WELLS AND TEST HOLES



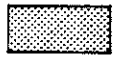


EXPLANATION


- Production from bedrock



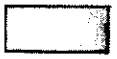
Well depths from 40 to 300 feet. Locally some production possible from sand and gravel. Water from some wells contains hydrogen sulfide gas. Yields inadequate to adequate for domestic use. Larger yields possible locally
- Production from bedrock and glaciofluvial sand




Well depths less than 50 feet. Water from some wells contains hydrogen sulfide gas. Yields generally adequate to more than adequate for domestic use
- Production from bedrock and glaciofluvial sand and gravel




Well depths generally from 50 to 100 feet. Water from some wells contains hydrogen sulfide gas. Locally some shallower production possible from sand and some gravel. Yields generally adequate for domestic use
- Production from bedrock and glaciofluvial sand and gravel



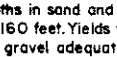
Well depths generally from 100 to 200 feet. Few wells deeper. Locally some production possible from sand and gravel. Water from some wells contains hydrogen sulfide gas. Yields adequate for domestic use. Larger yields possible locally
- Production from glaciofluvial sand and gravel and some wind-blown sand



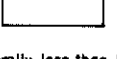
Well depths in bedrock generally less than 150 feet. Well depths in sand less than 50 feet. Yields from bedrock and sand generally adequate for domestic use. Larger yields possible from sand
- Production from glaciofluvial sand and gravel




Well depths in bedrock generally from 50 to 160 feet. Well depths in sand and gravel generally from 50 to 160 feet. Yields from bedrock and sand and gravel adequate for domestic use
- Production from glaciofluvial sand and gravel




Well depths generally less than 50 feet. Where improperly located, very shallow wells may be subject to contamination by septic wastes. Yields adequate to more than adequate for domestic use. Larger yields possible
- Production from glaciofluvial sand and gravel

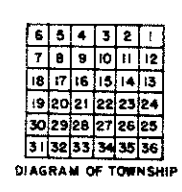


Well depths generally from 50 to 100 feet. Locally some wells shallower. Yields adequate to more than adequate for domestic use. Larger yields possible locally
- Boundary approximate

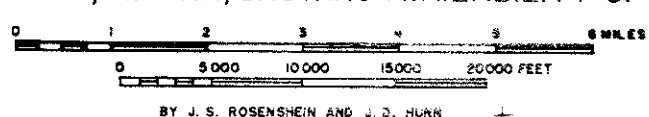

- Boundary uncertain



Base from modified General Highway and Transportation Map revised to July, 1953



MAP OF JASPER COUNTY, INDIANA, SHOWING AVAILABILITY OF GROUND WATER



BY J. S. ROSENHEIM AND J. D. HURK
1961

T

STATE OF INDIANA
INDIANA DEPARTMENT OF CONSERVATION
DIVISION OF WATER RESOURCES

PREPARED BY THE
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 25 PLATE 3

EXPLANATION

HARDNESS OF WATER, IN PARTS PER MILLION

100 - 200

200 - 300

300 - 400

more than 400

Data not sufficient to show hardness

Boundary approximate

Boundary uncertain

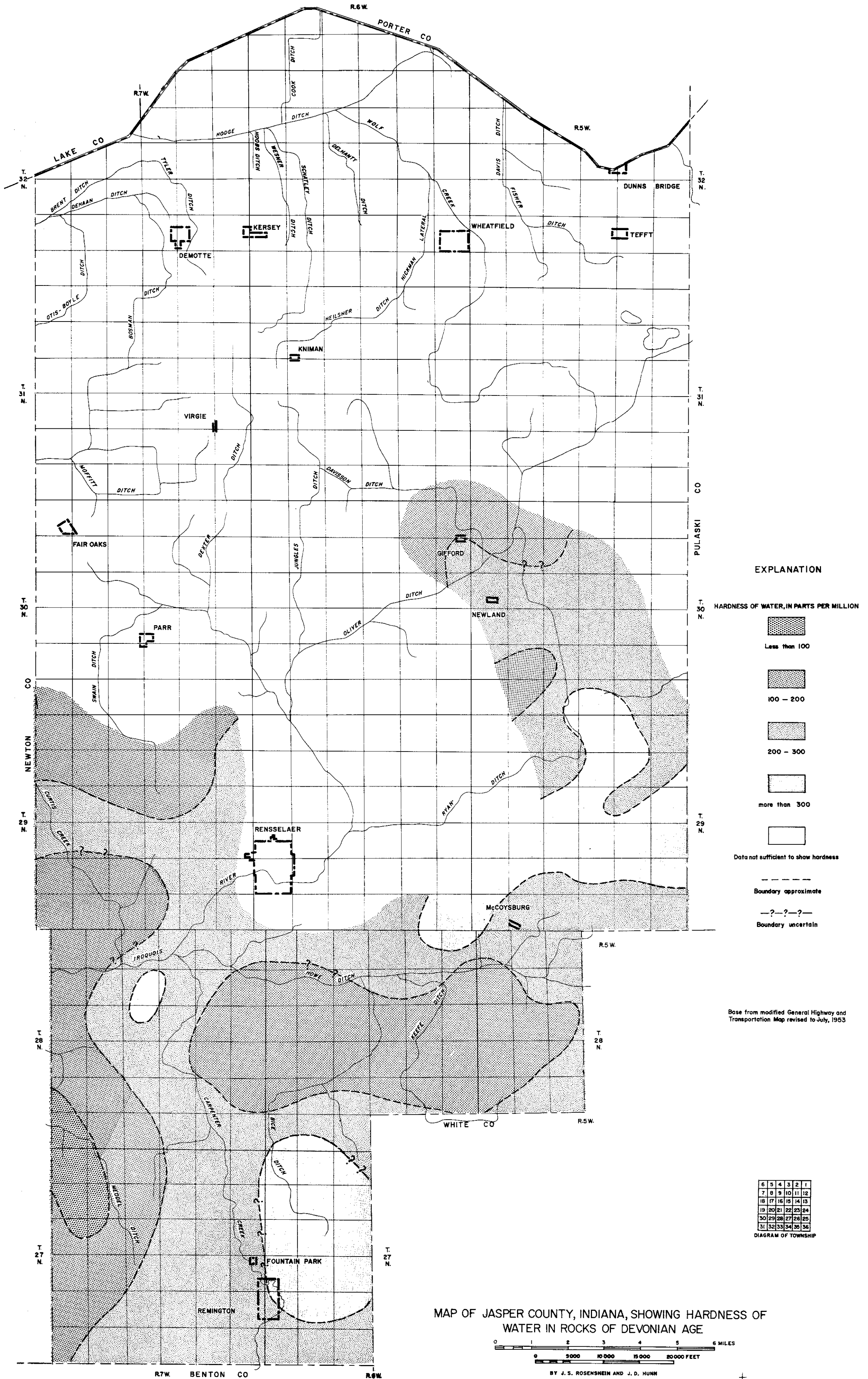
Base from modified General Highway and Transportation Map revised to July, 1953

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

DIAGRAM OF TOWNSHIP

MAP OF JASPER COUNTY, INDIANA, SHOWING HARDNESS OF WATER IN ROCKS OF SILURIAN AGE

BY J. S. ROSENSHEIN AND J. D. HUNN
1961



EXPLANATION

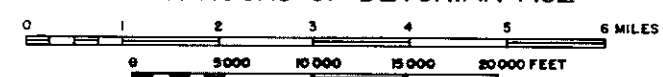
- HARDNESS OF WATER, IN PARTS PER MILLION
- Less than 100
 - 100 - 200
 - 200 - 300
 - more than 300
 - Data not sufficient to show hardness
 - Boundary approximate
 - Boundary uncertain

Base from modified General Highway and Transportation Map revised to July, 1953

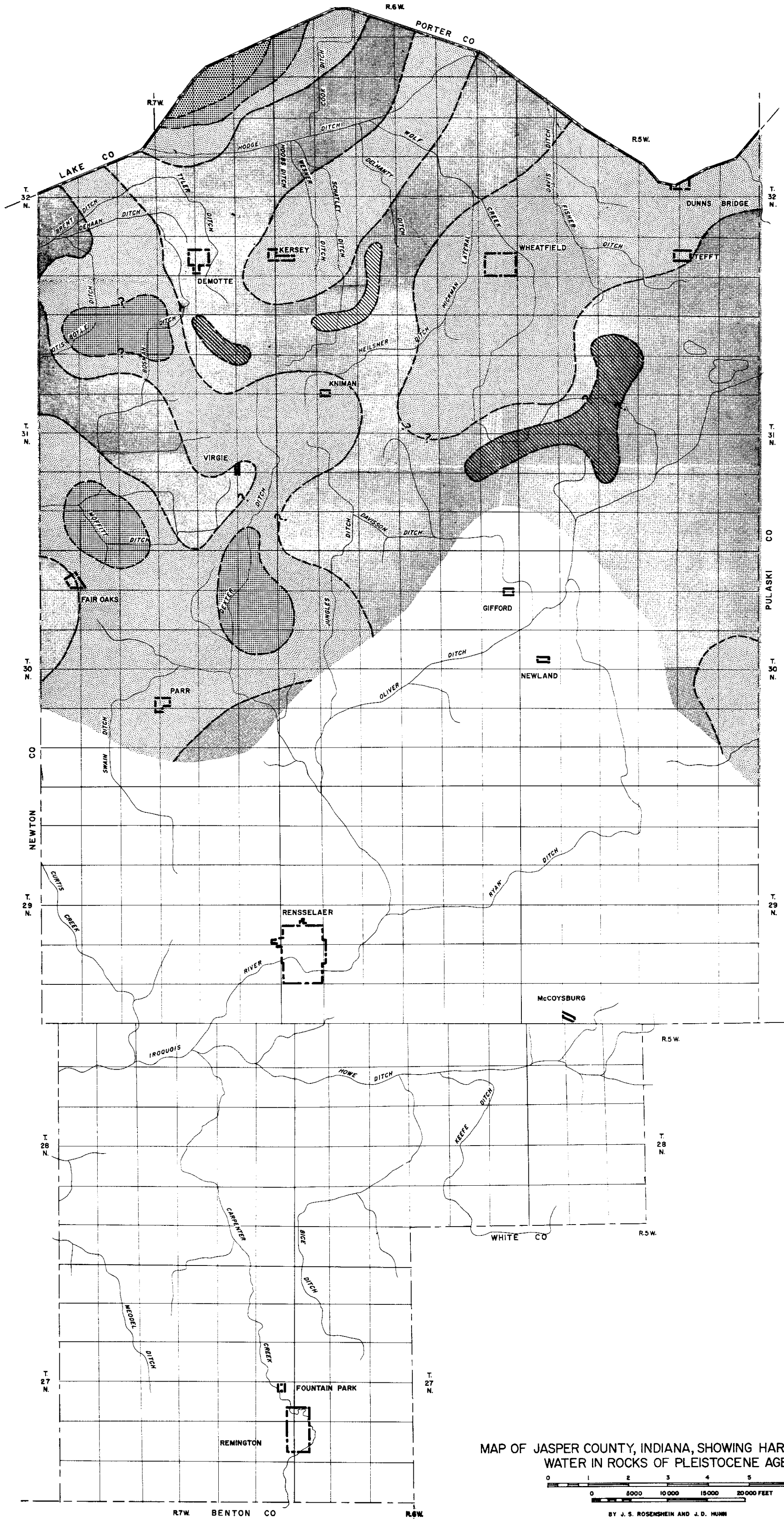
6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

DIAGRAM OF TOWNSHIP

MAP OF JASPER COUNTY, INDIANA, SHOWING HARDNESS OF WATER IN ROCKS OF DEVONIAN AGE



BY J. S. ROSENSEIN AND J. D. HUNN
1961

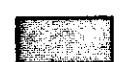


EXPLANATION

HARDNESS OF WATER IN PARTS PER MILLION



Less than 100



100 - 200



200 - 300



300 - 400



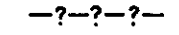
more than 400



Data not sufficient to show hardness

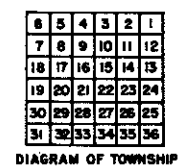


Boundary approximate



Boundary uncertain

Base from modified General Highway and Transportation Map revised to July, 1953



MAP OF JASPER COUNTY, INDIANA, SHOWING HARDNESS OF WATER IN ROCKS OF PLEISTOCENE AGE

